NAD SERVICE MANUAL

IMPORTANT NOTICE:

THIS MANUAL SUPPLEMENTS THE NAD 2200 SERVICE MANUAL AND SHOULD BE USED FOR UNITS WITH SERIAL NOS. 6010010 ONWARD.

2200P==

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P.C. BOARDS AND Vol. Sel. SW LOCATION 20	
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SPECIFICATIONS

FEATURES

Control and Switch	
1. AC Power switch	: On-off Push Type
2. Bridging switch	: Normal-Bridging Slide Type with Locking plate
3. Soft Clipping	: On-off Slide Type
1. Speaker terminal (L/R)	: 4P army type binding post for banana plug
2. AC Line Cord	: UL-1 type/A-Version U.S.A. : BS type (without plug)/B-Version U.K. : CEE2 type/C-Version Europe : S type/B ₃ -Version Australia
3. Main Input (L/R)	: RCA Type Pin Jack (2p) : RCA Type Pin Jack (2p)
	I. Speaker terminal (L/R) 2. AC Line Cord

C. Chassis and Circuit C. Chassis and Circuit
 Display
 Power (Green), Soft clipping (Yellow), Overload (Red),
 Protection (Red)

D. Output Load

Special Contents

See No. (Asher)

See No. (Contents

See No. (Asher)

See No. (Contents

S : 8 ohm/4 ohm Speaker Output E. Maximum Power Consumption : 770W : 770W : 120V 60Hz/A-Version U.S.A. : 240V 50Hz/B-Version U.K. : 220V 50Hz/C-Version Europe F. AC Power Supply

: 240V 50Hz/B₁-Version Australia G. Netweight and Dimension (Approx.)

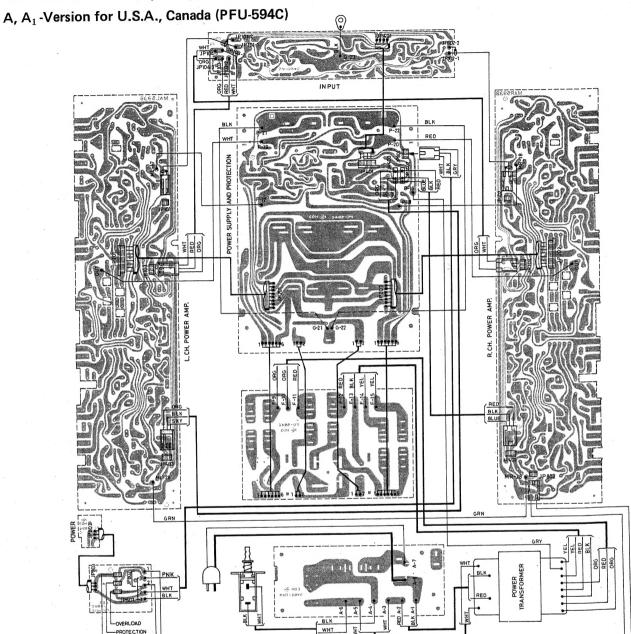
1. Netweight : 12.5 Kg

2. Dimensions : W=420 H=129 D=385 (rgm)

ELECTRICAL SPECIFICATION

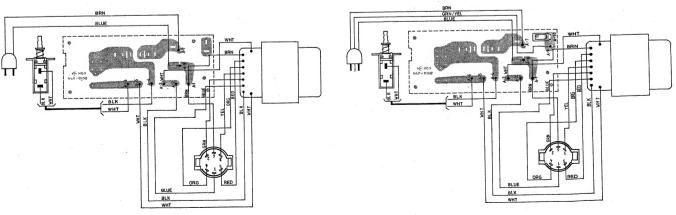
		Nominal	Limit	Unit				Nominal	Limit	Unit
1.	Sensitivity	0.775	±1.5dB	· (V)	9.	Damping factor		120	100	
	Input: 1000Hz					at 50Hz, 8 ohm Load				
	Output: 100W				10.	Slew Rate		25	23 (\	//u.Sec.)
	Channel difference		less than 1	(dB)	11.					
3.	Output power					Input shorted		110	105	(dB)
	Input : Main in					Normal input				
	Output: 0.04% THD		More than	100 (W)		Ref. Rated power				
	20-20000Hz continuous both					IHF-A weighted				4
	CH. Driven				12.		weighted	0.3	0.5	(mV)
4.	Clipping Power			4.44	40		weighted	0.1	0.2	
	Input : Main in 8 ohm load	140	125	(W)		Input impedance		Mo	re than 20	(Kohm)
	Output : 1% THD	000	400	4144	14.	Crosstalk				
	1 KHz continous 4 ohm load Both CH. Driven	200	180	(W)		Between the channels of	stereo			
						equipment	-11			
5.	Dynamic Power Input : Main in 8 ohm	400	350	(W)		Input : Normal (shorte	ohm load			
	Output : Clipping point 4 ohm	500	440	(W)		1000 Hz	onm ioad	80	76	(dB)
	1 KHz 20ms IHF dynamic wave	500	440	(44)		20000Hz	±	63	56	(dB)
	Both CH. Driven				15	Soft clip level (100W)		03	56	(UD)
6	IM Distortion				13.	(When switched in just at	oncet			
٥.	Input : Main in 60Hz:		less than	0.04(%)		of clipping)	Oliset			
	7000Hz=4:1		ioss triair	0.04(70)		or enpping,	4 ohm	-0.5	-0.5±0.4	(dB)
	Output : From 250mW-100W						8 ohm		-0.5 ± 0.4	(dB)
	Both CH.Driven 8 ohm load				16.	Peak short term (1 msec)		50	45	(A)
7.	THD					O/P current				
	Input : Main in									
	Output: 20-20000Hz, from		less than	0.04(%)						
	250mW-100W				*	Unless otherwise specified	procedure	shall be m	ade in acc	ordance
	Both CH. Driven 8 ohm load					with IHF-A202.	•			
8.	Frequency response									
	Input : LAB in		±0.5dB							
	Output: 10W									
	20-20000Hz									
	Input : Nor in at 14 Hz	-3	-3±1.5	(dB)						
	Output: 10W at 45KHz	-3	-3±1.5	(dB)						
	600 Ohm/Ch drive, Both 12dB/									
	Octave									

WIRING DIAGRAM (Component side)



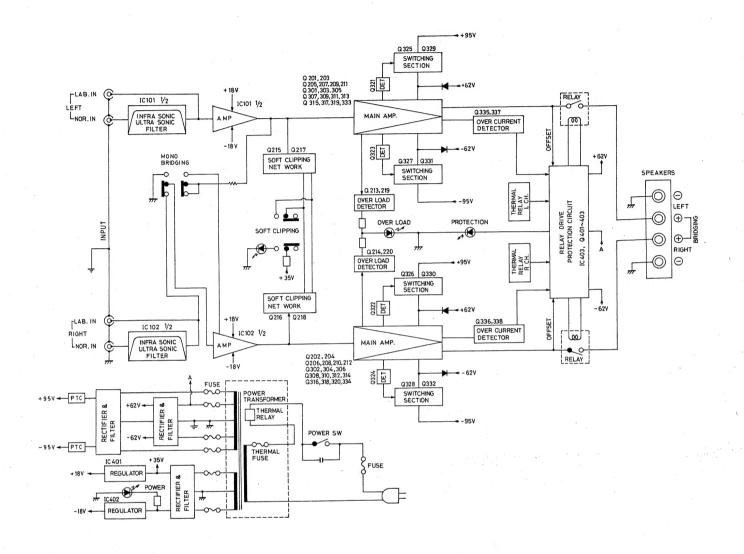
B, C, C₁, -Version for U.K., Scandinavia, W.Germany (PFU-610B)

B₁-Version for Australia/N.Z. (PFU-610B)

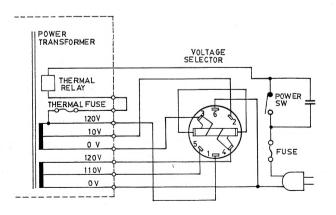


BLOCK DIAGRAM

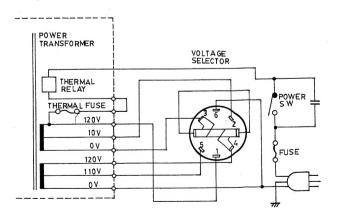
A, A₁-Version for U.S.A., Canada (PFU-594C)



B, C, C₁-Version for U.K., Scandinavia, W.Germany (PFU-610B)

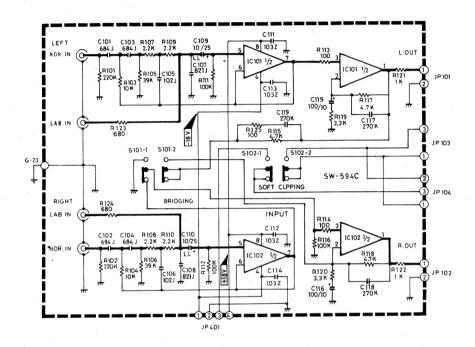


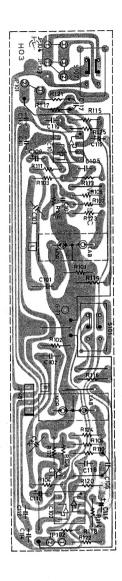
B₁-Version for Australia/N.Z. (PFU-610B)



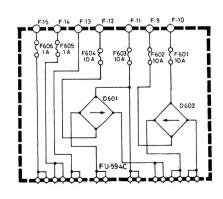
SCHEMATIC AND PCB LAYOUT (Foil side)

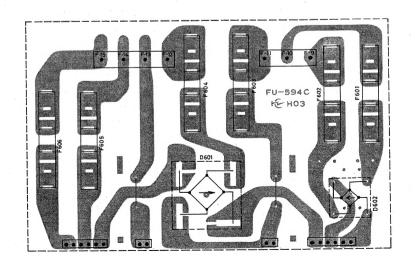
Input Circuit (SW-594C or SW-610B)





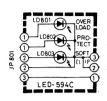
Fuse Circuit (FU-594C or FU-610B)

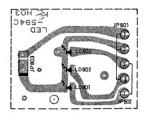




Power Indicator Circuit PLD-594C or PLD-610B)

Indicators Circuit (LED-594C or LED-610B)

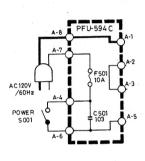


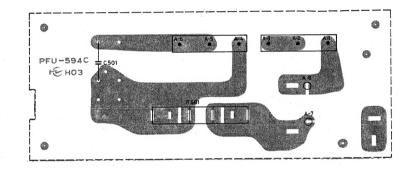




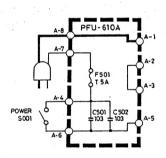


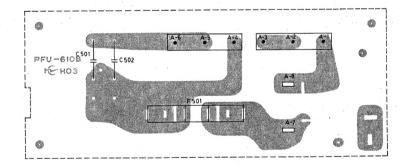
Primary Fuse Circuit
A, A₁-Version for U.S.A., Canada (PFU-594C)



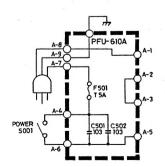


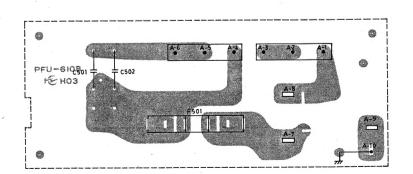
B, C, C₁, -Version for U.K., Scandinavia, W.Germany (PFU-610B)





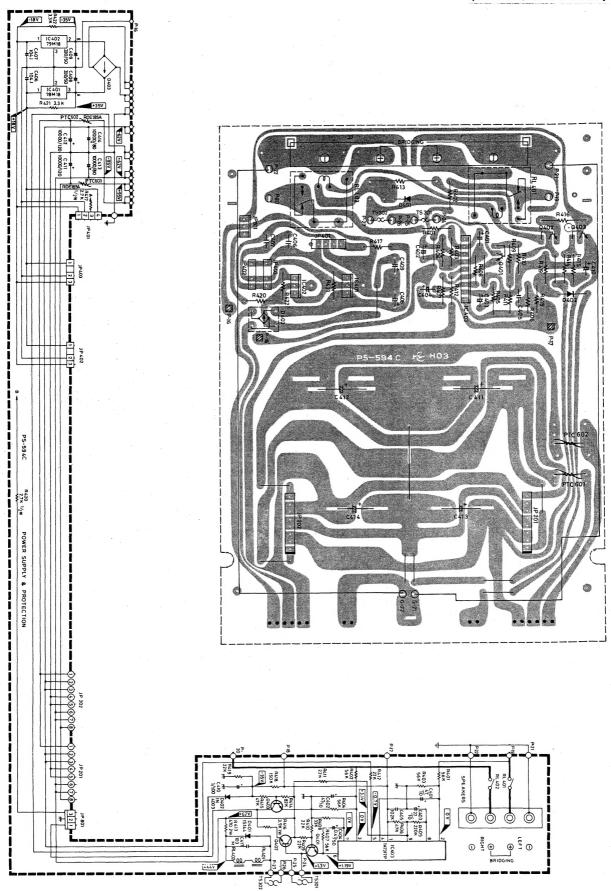
B₁-Version for Australia/N.Z. PFU-610B)



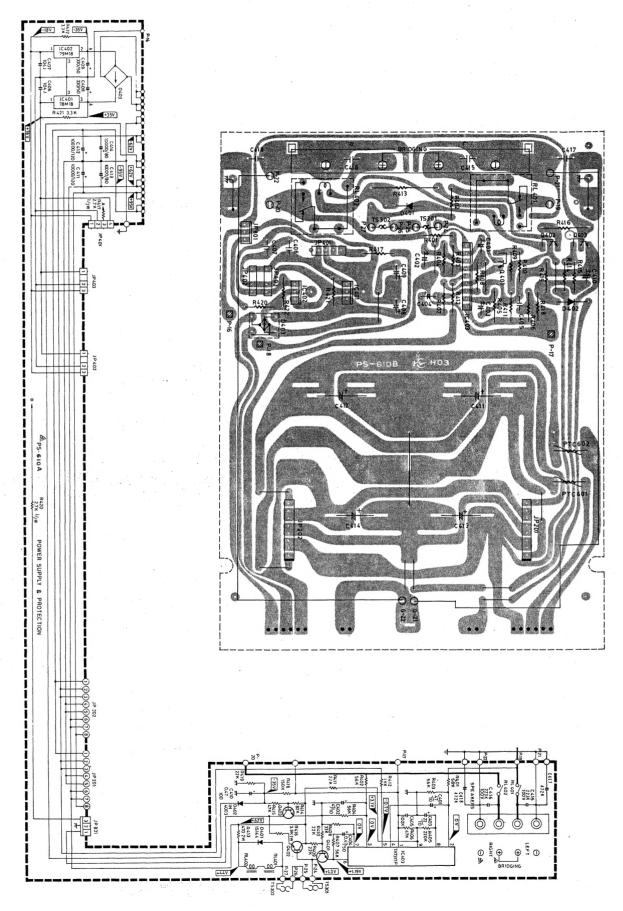


Power Supply Protection Circuit

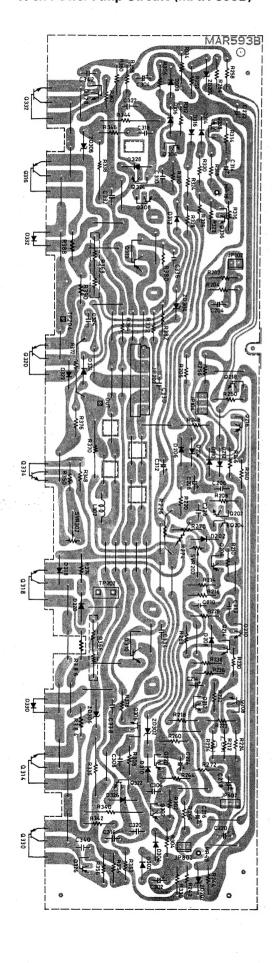
A, A₁, B, B₁, C-Version for U.S.A., Canada, U.K., Australia/N.Z., Scandinavia (PS-594C or PS-610B)



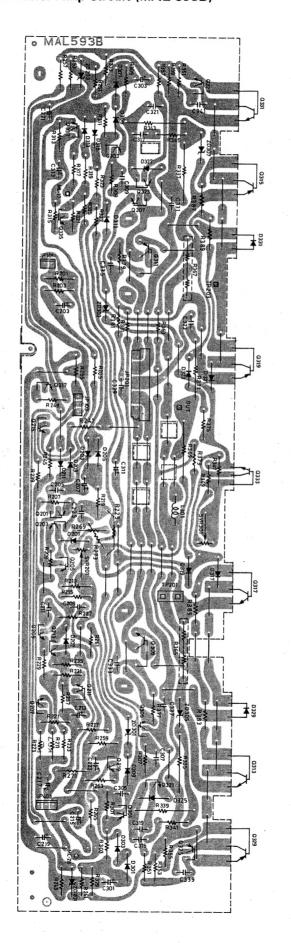
C₁-Version for W.Germany (PS-610B)

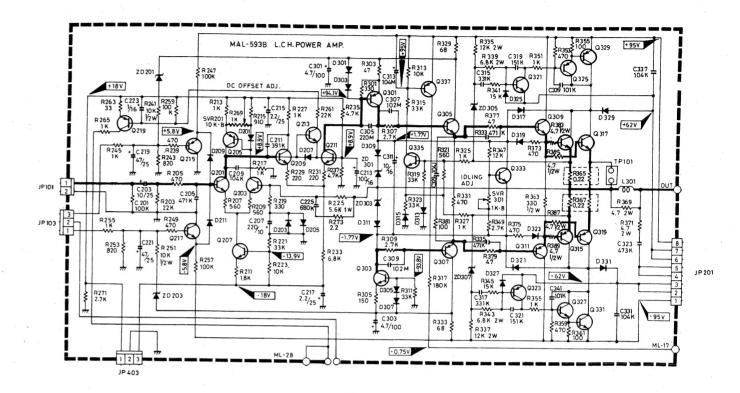


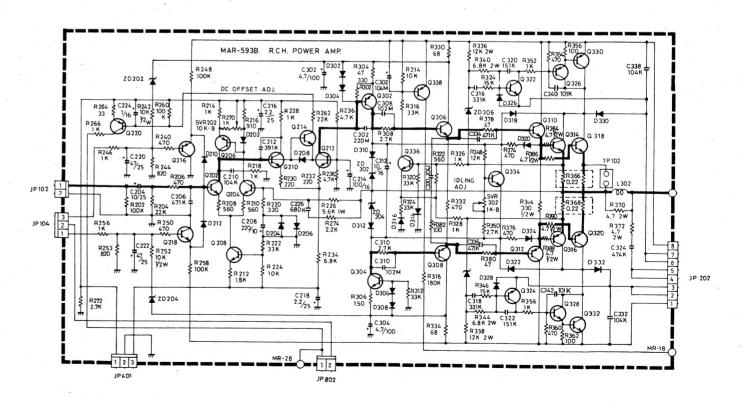
R ch Power Amp Circuit (MAR-593B)



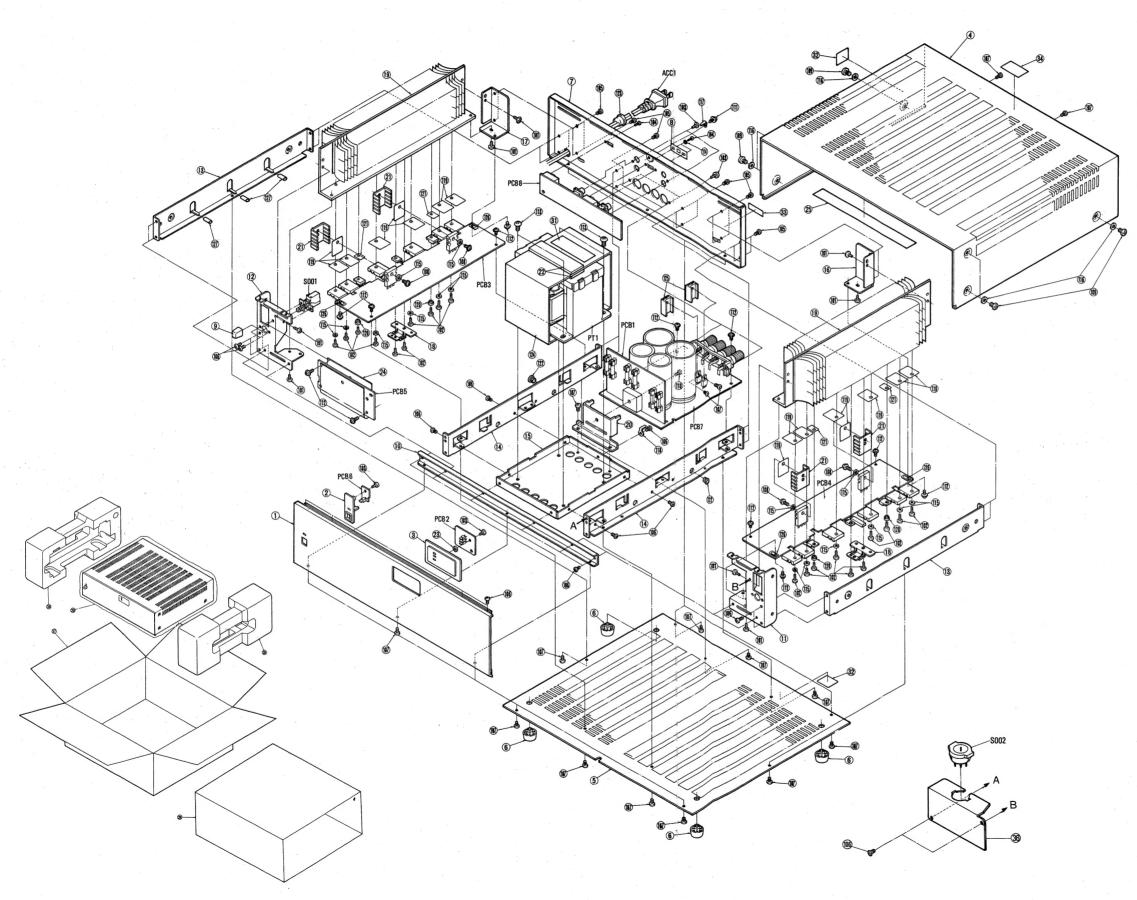
L ch Power Amp Circuit (MAL-593B)





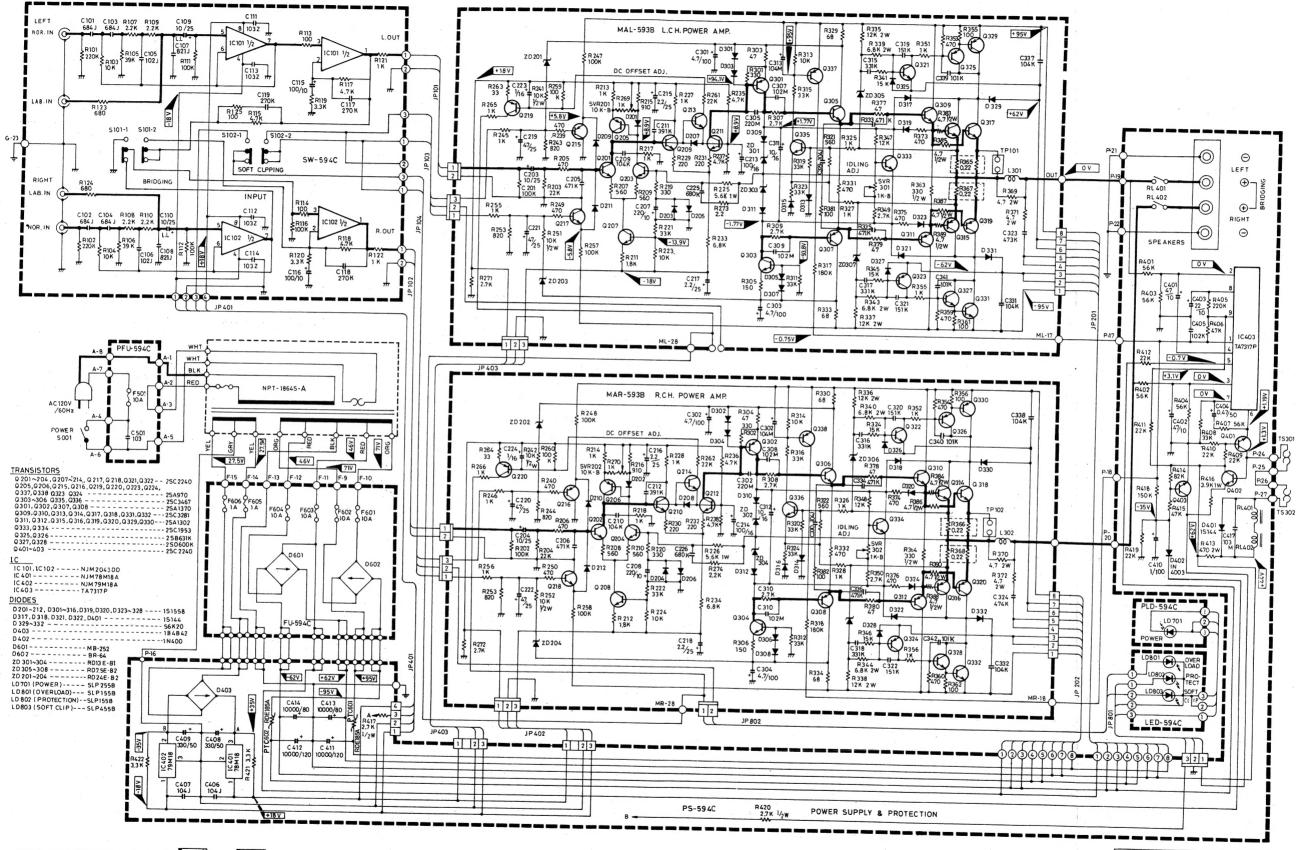


EXPLODED VIEW AND PARTS LIST



Ref. No.	Parts No.	Description
1 2 3 4 5 6 7	N21235-1 N30815 62-3470-1-0 N21237 N21239 2299-1 N21238-1A N21238-3A	Front Panel Button Guide Indicator Panel Cabinet Bottom Board Foot Rear Panel [A] Rear Panel [B, B ₁]
7 8 9 10	N21238-2B N44236 62-1105-1-0 N30813	Rear Panel [C] Lock Plate Push Button Front Sub Chassis
11 12 13 14 15 16 17 18 19 20	N44230 N44231 N30814 N30812 N30811 N44232 N44233 N44235 N21240 N44234	Front Sub Chassis R Front Sub Chassis L Side Chassis Center Chassis Support Chassis (P.T.) Fittings R (Heat Sink) Fittings L (Heat Sink) Fittings (Thermal Relay) Heat Sink Heat Sink
21 22 23 24 25 26 27 28 29 30	SH-1230-1 N44360 N41946A N44336 N44295 N30841 N21287 N21242 N41318 N40487	Heat Sink Cushion (P.T.) Washer Shield Cover Cabinet Mat Shippings Sleeve Shippings Carton Packing Pad Polyethylene Bag (Unit) Polyethylene Bag (Accessories)
31 32 33 34 35 36	N41939 N44043 SL.1024 N44339 OM-554 N44441	Label, Fuse [A] Label, SA1965 (Lighting Flash) [A] Label, Serial No. Label, SP Caution Instruction Manual Metal Fittings (Voltage Sele.) [B, B ₁ , C]
101 102 103 104 105 106 107 108 109 110	TBB+30X08-Y TBB+30X12-Y TPM+30X08-B TSB+26X05-B TSB+30X06-B TSB+30X06-Y TSB+30X08-B TSB+30X10-Y TSB+40X08-B TSB+40X16-Y	Tap Screw B, Bind Head, Y Tap Screw B, Bind Head, Y Tap Screw P, Round Head, B Tap Screw S, Bind Head, B Tap Screw S, Bind Head, B Tap Screw S, Bind Head, Y Tap Screw S, Bind Head, B
111 112 113 114 115 116 117 118 119	TSC+30X06-N TSC+30X08-Y TST+40X08-Y 2AWX0826-05-B 2AWX0830-05-Y 2AWX1040-05-B 2AE-03 2AE-05 AC-261 B-10	Tap Screw S, Washer Faced, N Tap Screw S, Washer Faced, Y Tap Screw S, Truss, Y Plain Washer, B Plain Washer, Y Plain Washer, B Lug Lug Mica Bushing
121 122 123 123 124 125 126 127	M-10 NO.5219 SR-4N-4 SR-5N-4 4B48503T 5E-25-BSB 59BS1692 U9-#09B02	Mica Bush Cord Stopper [A] Cord Stopper [B, B ₁ , C] Shield Case Heat Sink Gnd Lug UL Type Tube
ACC1 ACC1 ACC1	ACC-035C5-9EK1 ACC-037D3-9EK1 ACC-038D3-9EK1	Line Cord [A] Line Cord [B, C] Line Cord [B ₁]
PCB1 PCB2 PCB3 PCB4 PCB5 PCB6 PCB7 PCB8	32A1P02A-1 32A1P02A-2 32A1P01A 32A1P01A-1 32A1P02A-3 32A1P02A-4 32A1P02A 32A1P02A	P.C.Board Ass'y (FU-594) P.C.Board Ass'y (LED-594) P.C.Board Ass'y (MAL-593) P.C.Board Ass'y (MAR-593) P.C.Board Ass'y (PFU-594) P.C.Board Ass'y (PLD-594) P.C.Board Ass'y (PS-594) P.C.Board Ass'y (SW-594)
PT1 PT1	NPT-1864S NPT-1862S	Power Transformer [A] Power Transformer [B, B ₁ , C]
S001 S002	ESB-99713V YKS11-0010	Power Switch Voltage Selector [B, B ₁ , C]

SCHEMATIC DIAGRAM



CAUTION: THOSE FUSES WITH SYMBOL MARKS 250V and 250V and 10A and 250V and 250V or 1a 250V fuse.

ARE FAST-BLOW TYPE, REPLACE WITH SAME TYPE 10A 250V (OR 1A 250V) FUSE.

ATTENTION: LES FUSIBLES MARQUES 250V and 10A and 10A

FUSION RAPIDE. UTILISER UN FUSIBLE DE RECHANGE DE MEME TYPE DE 10A 250V (OU 1A 250V).

DRAWING NO. MODEL NO.

C D - 554 2 2 0 0 A

ELECTRICAL PARTS LIST

Capacitors

	Ref. No.	Part No.		Descr	iption
ı					
-	C101~104	ECQV1H684JZ	Film	50V	0.68µF ±5%
١	C105, 106	MY-50VU222J	Film	50V	2200pF ±5%
	C107, 108	MY-50VU102J	Film	50V	1000pF ±5%
Ì	C109, 110	LL-25TW100M	Low-leak		
١				25V	10µF ±20%
١	C111~114	HE70SJYF103Z	Ceramic	50V	0.01pF
					+80~-20%
1	C115, 116	NS-10TW101M	Elect.	10V	100µF ±20%
1					
1	C201, 202	HE60SJSL181K	Ceramic	50V	180pF ±10%
١	C203, 204	LL-25TW100M	Low-leak	Elect.	
١				25V	10µF ±20%
١	C205, 206	HE90SJSL471K	Ceramic	50V	470pF ±10%
1	C207, 208	NS-10TW221M	Elect.	10V	220µF ±20%
١	C209, 210	ECQV1H104JZ	Film	50V	0.1 µF ±5%
1	C211, 212	HE90SJSL391K	Ceramic	50V	390pF±10%
1	C213, 214	NS-16TW101M	Elect.	16V	100µF ±20%
١	C215~218	NS-50TW2R2M	Elect.	50V	2.2µF ±20%
١	C219~222	NS-25TW470M	Elect.	25V	47µF ±20%
١	C223, 224	NS-50TW1R0M	Elect.	50V	1µF ±20%
١					
1	C301~304	NS100TW4R7M	Elect.	100V	4.7 µF ±20%
	C305, 306	HM60SJSH220K	Ceramic	500V	22pF ±10%
1	C307~310	HE40SJYD102M	Ceramic	50V	1000pF ±20%
1	C311, 312	NS-16TW100M	Elect.	16V	10µF ±20%
١	C313, 314	NS-50TWR10M	Elect.	50V	0.1 µF ±20%
1	C315~318	HE80SJSL331K	Ceramic	50V	330pF ±10%
1	C319~322	HE60SJSL151K	Ceramic	50V	150pF ±10%
1	C323, 324	MY100VS473K	Film	100V	0.047µF±10%
1	C325~328	MY100VS682K	Film .	100V	6800pF ±10%
١	C329, 330	MY-50VU104J	Film	50V	0.1 µF ±5%
1					
1	C401, 402	NS-10TW470M	Elect.	10V	47μF ±20%
١	C403	NS-10TW220M	Elect.	10V	22µF ±20%
1	C404	NS-50TWR47M	Elect.	50V	$0.47 \mu F \pm 20\%$
1	C405	MY-50VU102K	Film	50V	1000pF ±10%
1	C406, 407	ECQV1H104JZ	Film	50V	0.1μF ±5%
İ	C408, 409	NS-50TW331M	Elect.	50V	330µF ±20%
1	C410	NS100TWR47M	Elect.	100V	0.47μF ±20%
1	C411, 412	BC0A103MI80EE3	Elect.		10000µF ±20%
1	C413, 414	BC80103MC80EE4	Elect.		10000μF ±20%
1	C415, 416	MY100VS104K	Film	100V	0.1μF±10%
١	C417	HM15SJYD103M	Ceramic	500V	0.01 µF ±20%
1	C501	ECQU1A103MH	Eilm	125	0.015±209/
1	C301	ECCUTATOSWIA	Film	125V	0.01μF±20%
	0504	E0011044004E			[A]
	C501	ECQU2A103MF	Film	250V	
					[B, B ₁ , C]
	C502	ECQU2A103MF	Film	250V	0.01µF±20%
1					[B, B ₁ , C]

Resistors

Ref. No.	Part No.	Description		tion
R101, 102	KA25ST224J	Carbon	1/4W	220KΩ ±5%
R103, 104	KA25ST103J	Carbon	1/4W	10KΩ ±5%
R105, 106	KA25ST393J	Carbon	1/4W	39KΩ ±5%
R107~110	KA25ST222J	Carbon	1/4W	2.2KΩ ±5%
R111, 112	KA25ST104J	Carbon	1/4W	100KΩ ±5%
R113	KA25ST101J	Carbon	1/4W	100Ω ±5%
R114, 115	KA25ST104J	Carbon	1/4W	100KΩ ±5%
R116	KA25ST152J	Carbon	1/4W	1.5KΩ ±5%
R117	KA25ST472J	Carbon	1/4W	4.7KΩ ±5%
R118	KA25ST563J	Carbon	1/4W	56KΩ ±5%
R119	KA25ST332J	Carbon	1/4W	3.3KΩ ±5%
R120	KA25ST392J	Carbon	1/4W	3.9KΩ ±5%
R121~124	KA25ST102J	Carbon	1/4W	1KΩ ±5%
R201, 202	KA25ST104J	Carbon	1/4W	100KΩ ±5%
R203, 204	KA25ST223J	Carbon	1/4W	22KΩ ±5%

Ref. No.	Part No.	Description
D005 000	KA05074741	0.1
R205, 206	KA25ST471J	Carbon 1/4W 470Ω ±59
R207~210	KA25ST561J	Carbon 1/4W 560Ω ±59
R211, 212	KA25ST182J	Carbon 1/4W 1.8KΩ ±59
R213, 214	KA25ST102J	Carbon 1/4W 1KΩ ±59
R215, 216	KA25ST911J	Carbon 1/4W 910Ω ±59
R217, 218	KA25ST102J	Carbon 1/4W 1KΩ ±5%
	KA25ST331J	Carbon 1/4W 330Ω ±5%
R219, 220		
R221, 222	KA25ST333J	Carbon $1/4W$ $33K\Omega \pm 5\%$
R223, 224	KA25ST103J	Carbon $1/4W$ $10K\Omega \pm 5\%$
R225, 226	SA-1WT562J-LP	Metal Oxide 1W 5.6KΩ ±5%
R227, 228	KA25ST102J	Carbon 1/4W 1K Ω ±5%
R229~232	KA25ST221J	Carbon 1/4W 220Ω ±5%
R233, 234	KA25ST682J	Carbon 1/4W 6.8KΩ ±5%
R235~238	KA25ST472J	Carbon 1/4W 4.7KΩ ±5%
R237, 240	KA25ST471J	Carbon $1/4W$ $470\Omega \pm 5\%$
R241, 242	FR50ST103J-LP	Flame Proof 1/2W 10K Ω ±59
R243, 244	KA25ST821J	Carbon 1/4W 820Ω ±5%
R245, 246	KA25ST102J	Carbon $1/4W$ $1K\Omega \pm 5\%$
R247, 248	KA25ST104J	Carbon 1/4W 100KΩ ±5%
R249, 250	KA25ST471J	Carbon 1/4W $470\Omega \pm 5\%$
R252, 252	FR50ST103J-LP	Flame Proof 1/2W 10K Ω ±5%
R253, 254	KA25ST821J	Carbon 1/4W 820Ω ±59
R255, 256	KA25ST102J	Carbon $1/4W$ $1K\Omega \pm 5\%$
R257~260	KA25ST104J	Carbon 1/4W 100KΩ ±5%
R261, 262	KA25ST223J	Carbon 1/4W 22KΩ ±5%
R263, 264	FR25ST330J-LP	Flame Proof 1/4W 33Ω ±5%
R265~270	KA25ST102J	Carbon 1/4W 1K Ω ±5%
R271, 272	KA25ST272J	Carbon $1/4W$ $2.7K\Omega \pm 5\%$
R301, 302	FR25ST331J-LP	Flame Proof 1/4W $330\Omega \pm 5\%$
R303, 304	FR25ST470J-LP	Flame Proof 1/4W $47\Omega \pm 5\%$
R305, 306	FR25ST151J-LP	Flame Proof 1/4W 150Ω ±5%
R307~310	KA25ST272J	Carbon 1/4W 2,7KΩ ±5%
R311, 312	KA25ST333J	Carbon 1/4W 33KΩ ±5%
R313, 314	KA25ST103J	
R315, 316	KA25ST333J	Carbon $1/4W$ 33K Ω ±59
R317, 318	KA25ST184J	Carbon $1/4W$ $180K\Omega \pm 59$
R319, 320	KA25ST333J	Carbon 1/4W 33K Ω ±5%
R321, 322	KA25ST561J	Carbon $1/4W$ $560\Omega \pm 59$
R323, 324	KA25ST333J	Carbon $1/4W$ 33K Ω ±5%
R325~328	KA25ST102J	Carbon 1/4W 1KΩ ±59
R329, 330	FR25ST680J-LP	Flame Proof 1/4W 68Ω ±5%
		Flame Proof 1/4W 470 Ω ±59
R331, 332	FR25ST471J-LP	
R333, 334	FR25ST680J-LP	Flame Proof 1/4W $68\Omega \pm 59$
R335~338	SA-2WT123J-LP	Metal Oxide 2W 12KΩ ±59
R339, 340	SA-2WT682J-LP	Metal Oxide 2W 6,8KΩ ±59
R341, 342	KA25ST153J	Carbon 1/4W 15KΩ ±59
R343, 344	SA-2WT682J-LP	Metal Oxide 2W 6.8KΩ ±59
R345, 346	KA25ST153J	Carbon 1/4W 15K Ω ±5%
R347, 348	KA25ST123J	Carbon 1/4W 12KΩ ±59
R349, 350	KA25ST272J	Carbon 1/4W 2.7KΩ ±59
R351, 352	KA25ST102J	Carbon $1/4W$ $1K\Omega \pm 59$
R353, 354	FR25ST471J-LP	Flame Proof 1/4W 470Ω ±59
R355, 356	FR25ST101J-LP	Flame Proof 1/4W 100Ω ±59
R357, 358	KA25ST102J	Carbon 1/4W 1KΩ ±59
R359, 360	FR25ST471J-LP	Flame Proof 1/4W 470 Ω ±59
R361, 362	FR25ST101J-LP	Flame Proof 1/4W 100Ω ±59
R363, 364	FR50ST331J-LP	Flame Proof 1/2W 330Ω ±59
R365~368	MPC722R22KX2LF	Cement 5W 0.22Ω (x2
R369~372	SA-2WT4R7J-LP	Metal Oxide 2W 4.7Ω ±59
R373~376	FR25ST471J-LP	Flame Proof 1/4W 470Ω ±5%
R377, 378	FR25ST470J-LP	Flame Proof 1/4W 47Ω ±59
R379, 380	FR25ST470J	Flame Proof 1/4W $47\Omega \pm 59$
R401~404	KA25ST563J	Carbon 1/4W 56KΩ ±59
R405	KA25ST224J	Carbon 1/4W 220KΩ ±59
R406	KA25ST473J	Carbon $1/4W$ $47K\Omega \pm 59$
R407	KA25ST563J	Carbon 1/4W $56K\Omega \pm 59$
R408	KA25ST333J	Carbon 1/4W 33KΩ ±59
R409~412	KA25ST223J	Carbon 1/4W 22KΩ ±59
	SA-2WT471.I-I P	Metal Oxide 2W 4700 +F0
R413 R414	SA-2WT471J-LP KA25ST823J	Metal Oxide 2W 470 Ω ±59 Carbon 1/4W 82K Ω ±59

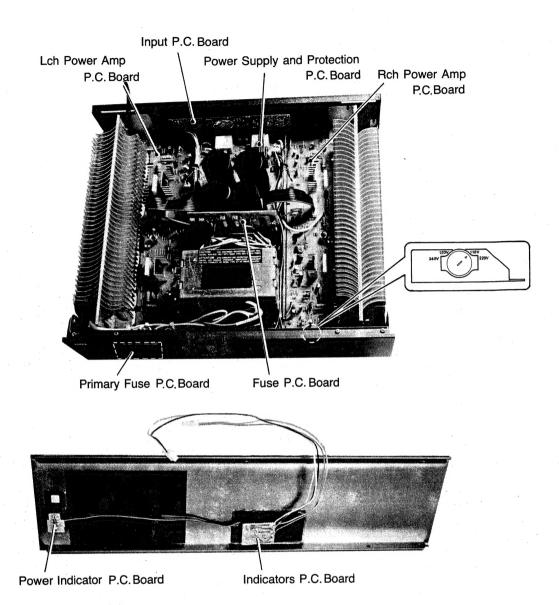
Miscellaneous

Ref. No.	Part No.	Description		
R416 R417 R418 R419 R420 R421, 422	SA-1WT392J-LP KA50XT272J KA25ST154J KA25ST223J KA50XT272J KA25ST332J			
SVR201, 202 SVR301, 302	SVR-08T3B103 SVR-08T3B102	Semi-variable $10K\Omega$ (B) Semi-variable $1K\Omega$ (B)		

Ref. No.	Part No.	Description
D201~212	1S1588	Diode
D301~316	1S1588	Diode
D317, 318	1SS144	Diode
D319, 320	1S1588	Diode
D321, 322	1SS144	Diode
D323~328	1S1588	Diode
D329~332	S6K20	Diode Rectifier
D401	1SS144	Diode
D402	1 N4003	Diode Rectifier
D403	1 B4B42	Diode Bridge rectifier
D601	BR-25P	Diode Bridge rectifier
D602	BR-64-LF	Diode Bridge rectifier
Q201~204	2SC2240-BL	Transistor
Q205, 206	2SA970-BL	Transistor
Q207~214	2SC2240-BL	Transistor
Q215, 216	2SA970-BL	Transistor
Q217, 218	2SC2240-BL	Transistor
Q219, 220	2SA970-BL	Transistor
Q301, 302	2SA1370-E, F	Transistor
Q303~306	2SC3467-E, F	Transistor
Q307, 308	2SA1370-E, F	Transistor
Q309, 310	2SC3281-R, 0	Transistor
Q311, 312	2SA1302-R, 0	Transistor
Q313, 314	2SC3281-R, 0	Transistor
Q315, 316	2SA1302-R, 0	Transistor
Q317, 318 Q319, 320	2SC3281-R, 0 2SA1302-R, 0	Transistor Transistor
Q313, 320 Q321, 322	2SC2240-BL	Transistor
Q323, 324	2SA970-BL	Transistor
Q325, 326	2SB631K-E, F	Transistor
Q327, 328	2SD600K-E, F	Transistor
Q329, 330	2SA1302-R, 0	Transistor
Q331, 332	2SC3281-R, 0	Transistor
Q333, 334	2SC1953-R, S	Transistor
Q335, 336	2SC3467-E, F	Transistor
Q337, 338	2SA970-BL	Transistor
Q401~403	2SC2240-GR, BL	Transistor
IC101, 102	NJM2043DD	IC Dual low-noise preamplifier
IC401	NJM78M18A	IC Positive voltage regurator
IC402	NJM79M18A	IC Negative voltage regulator
IC403	TA7317P	IC Protection circuit
LD701	SLP255B	LED Green
LD801,802	SLP155B	LED Red
LD803	SLP455B	LED Amber
ZD201~204	RD24E-B2	Zener Diode 1/2W 24V
ZD301~304		Zener Diode 1/2W 10V
ZD305~308	RD7.5E-B2	Zener Diode 1/2W 7.5V

liscellaneous		
Ref. No.	Part No.	Description
F501	FU-621034T-C	Fuse 250V 10A [A]
F501	FU-525029T	Fuse 250V 5A [B, B ₁ , C]
F601~604	FU-621034T-C	Fuse 250V 10A [A]
F601, 602	FU-526329T	Fuse 250V 6.3A [B, B ₁ , C]
F603, 604	FU-521039T	Fuse 250V 10A [B, B, C]
F605, 606	FU-621024T	Fuse 250V 1A [A]
F605, 606	FU-521029T	Fuse 250V 1A [B, B ₁ , C]
L301, 302	104001	Air-core Coil
S101, 102	SSB022	Slide Switch
JP101, 102	MC02-371 171825-2	Micro Socket Ass'y Micro Plug
JP103	MC03-377	Micro Socket Ass'y
ID104	171825-3 MC03-378	Micro Plug Micro Socket Ass'y
JP104	MC03-378 171825-3	Micro Socket Ass y Micro Plug
JP201, 202	W-D0608	Connector
JP401	W-D0604	Connector
JP402	MC03-372	Micro Socket Ass'y
	171825-3	Micro Plug
JP403	MC03-373	Micro Socket Ass'y
	171825-3	Micro Plug
JP801	MC03-376	Micro Socket Ass'y
IDOOO	171825-3 MC02-370	Micro Plug Micro Socket Ass'y
JP802	171825-2	Micro Plug
RL401, 402	RXS-2405U	Relay
TP201, 202	WD-2	Terminal Pin
TS301, 302	UI2-10005-240A	Thermal Relay
PTC601,602	RDE185A	PTC Device
	YKC21-0069 YKD31-0212	Jack, RCA 2p Socket 4p (S.P)
	FU-594	Printed Circuit Board
	LED-594	Printed Circuit Board
	MAL-593	Printed Circuit Board
	MAR-593	Printed Circuit Board
1	PFU-594	Printed Circuit Board
	PLD-594	Printed Circuit Board
	PS-594	Printed Circuit Board
	SW-594	Printed Circuit Board
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P.C.BOARDS AND Vol. Sel. SW LOCATION



VOLTAGE CONVERSION

The units for U.K., Australia, and Europe are incorporated with voltage selectors. When changing the voltage, set up the mark " \triangleright " of the selector to an appropriate indication voltage as shown in the figure.

